

SOFIA

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Stratospheric Observatory for Infrared Astronomy

Session Goals

- To announce intended SOFIA Call for Instrument Proposals to be released in March 2000 by USRA
 - Giving a nine month lead-in
- To give a straw-man Call for Proposals policy, budget, and schedule
- To collect comments, questions, and recommendations



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Proposed 2nd Generation Call for Instruments

- Available Funding for Call:
 - FY01 -> \$1.4 M
 - FY02 -> \$1.4 M
 - FY03 -> \$4.2 M
 - SI requiring longer development schedules will be considered
- Call for Instrument Proposals every 3 Years (Call for Observing Proposals every year)
 - Length of development depends on proposal
 - **Question:** Is this interval right?
- Call for Instrument Proposals in March 2000 includes:
 - New PI and Facility Instruments
 - **Question:** Instrument studies?
- First-light Instruments not permitted to use this Call for upgrades or budget extensions

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SOFIA Education Program

- Instrument proposals require EPO component
 - EPO budget 1-2% of total budget
- Follow NASA OSS guidelines
 - http://ssibroker.colorado.edu/broker/eval_criteria/guide
 - Provides EPO proposal evaluation criteria
- Proposals are encouraged to complement SOFIA EPO
 - Educator Flight Program - Proposers recruit, select, and support local educators in flights aboard SOFIA
 - Education Partners Program - Proposer participate in partnership with local educators and work with classrooms.
 - Educational Resources - Proposer partners with SOFIA EPO for curriculum development, educator training, etc..

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Expected Call for Proposal Schedule

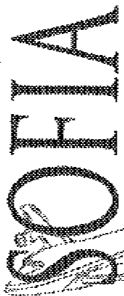
- Jan '00 - AAS Session on SI Airworthiness
 - Interface Control Document information available online
- March '00 - USRA releases formal CfP (via the web)
- April '00 - Letters of Intent due
- July '00 - Proposals due
- Oct '00 - Funds Awarded

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Available Information

- First Light instruments described in flyers at SOFIA booth
- Physical and Functional Interface Control Documents in regards to SI are nearing baseline
 - Material to be packaged for potential proposers by Sept. '99
- Airworthiness Manual available on-line (SOFIA web)
 - Jan'00 AAS session to cover SI certification
- Previous March '97 instrument call available on the SOFIA web
 - This will be updated and modified slightly for the March '00 call.

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Other Proposal Information

- Call for Observing proposals in March '01
 - Awards in Oct '01
- Science Operations to begin in late 2002
 - First light in summer 2002
- Science Support Questions
 - S. Casey - scasey@mail.arc.nasa.gov
 - Web Page - <http://sofia.arc.nasa.gov>



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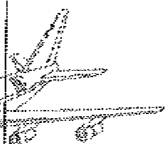
Questions?

- Is certification part of the proposal cost?
- What are the differences between PI and facility instruments?
- Can first light instruments propose?
- How can I find out about existing instruments?

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SOFIA Data Cycle

